

|        |        |              |              |                  |            |                  |
|--------|--------|--------------|--------------|------------------|------------|------------------|
| MMM    | MMM    | SSSSSSSSSSSS | GGGGGGGGGGGG | FFFFFFFFFFFFFFFF | IIIIIIIIII | LLL              |
| MMM    | MMM    | SSSSSSSSSSSS | GGGGGGGGGGGG | FFFFFFFFFFFFFFFF | IIIIIIIIII | LLL              |
| MMM    | MMM    | SSSSSSSSSSSS | GGGGGGGGGGGG | FFFFFFFFFFFFFFFF | IIIIIIIIII | LLL              |
| MMMMMM | MMMMMM | SSS          | GGG          | FFF              | III        | LLL              |
| MMMMMM | MMMMMM | SSS          | GGG          | FFF              | III        | LLL              |
| MMMMMM | MMMMMM | SSS          | GGG          | FFF              | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | FFF              | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | FFF              | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | FFF              | III        | LLL              |
| MMM    | MMM    | SSSSSSSSSS   | GGG          | FFFFFFFFFFFFFFFF | III        | LLL              |
| MMM    | MMM    | SSSSSSSSSS   | GGG          | FFFFFFFFFFFFFFFF | III        | LLL              |
| MMM    | MMM    | SSSSSSSSSS   | GGG          | FFFFFFFFFFFFFFFF | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | FFF              | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | GGGGGGGGGG       | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | GGGGGGGGGG       | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | GGGGGGGGGG       | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | GGGGGGGGGG       | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | GGG              | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | GGG              | III        | LLL              |
| MMM    | MMM    | SSS          | GGG          | GGG              | III        | LLL              |
| MMM    | MMM    | SSSSSSSSSSSS | GGGGGGGGGG   | FFF              | IIIIIIIIII | LLLLLLLLLLLLLLLL |
| MMM    | MMM    | SSSSSSSSSSSS | GGGGGGGGGG   | FFF              | IIIIIIIIII | LLLLLLLLLLLLLLLL |
| MMM    | MMM    | SSSSSSSSSSSS | GGGGGGGGGG   | FFF              | IIIIIIIIII | LLLLLLLLLLLLLLLL |





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! Object Module Synopsis !  
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| Module Name  | Ident   | Bytes | File                                | Creation Date     | Creator                |
|--------------|---------|-------|-------------------------------------|-------------------|------------------------|
| -----        | ----    | ----- | -----                               | -----             | -----                  |
| CVTMSG       | 01      | 65071 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| ERROR        | 01      | 65662 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| EVALC        | 01      | 64603 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GENCMP       | 01      | 140   | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GETCLST      | 01      | 65170 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GETCVAL      | 01      | 64729 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GETIDENT     | 01      | 64783 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GETLIN       | 01      | 64781 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GETMSG       | 01      | 66846 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GETNUM       | 01      | 64838 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| IDENT        | 01      | 140   | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| LENGTH       | 01      | 64654 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| MAKSUBS      | 01      | 64900 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| MOVNAM       | 01      | 64681 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| NEXTFILE     | 01      | 64747 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| OPEN_OUTPUT  | 01      | 64935 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| OUTPUT_LINE  | 01      | 64633 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| SETUPFILE    | 01      | 64644 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| SKIPV        | 01      | 64622 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| STRUCT       | 01      | 65030 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| UNBLNK       | 01      | 64644 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| BUFFER       | 01      | 64680 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| BUFNUM       | 01      | 104   | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| CONCAT       | 01      | 64900 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| GETVAL       | 01      | 64867 | [MSGFIL.OBJ]MESSAGE.OLB;1           | 16-Sep-1984 02:16 | VAX-11 FORTRAN V3.4-56 |
| SYSP1_VECTOR | V04-000 | 0     | _\$255\$DUA28:[SYSLIB]STARLET.OLB;2 | 16-SEP-1984 00:40 | VAX/VMS Macro V04-00   |
| FORRTL       | V04-000 | 0     | _\$255\$DUA28:[SYSLIB]FORRTL.EXE;1  | 16-SEP-1984 04:07 | VAX-11 Linker V04-00   |
| LIBRTL       | V04-000 | 0     | _\$255\$DUA28:[SYSLIB]LIBRTL.EXE;1  | 16-SEP-1984 04:00 | VAX-11 Linker V04-00   |



! Image Section Synopsis !

| Cluster         | Type | Pages | Base Addr  | Disk VBN | PFC | Protection and Paging | Global Sec. Name | Match      | Majorid    | Minorid |
|-----------------|------|-------|------------|----------|-----|-----------------------|------------------|------------|------------|---------|
| DEFAULT_CLUSTER | 0    | 2     | 00000200   | 2        | 0   | READ ONLY             |                  |            |            |         |
|                 | 0    | 5     | 00000600   | 4        | 0   | READ WRITE            | COPY ON REF      |            |            |         |
|                 | 0    | 126   | 00001000   | 0        | 0   | READ WRITE            | DEMAND ZERO      |            |            |         |
|                 | 0    | 11    | 00010C00   | 9        | 0   | READ ONLY             |                  |            |            |         |
|                 | 0    | 1     | 00012200   | 20       | 0   | READ WRITE            | FIXUP VECTORS    |            |            |         |
|                 | 253  | 20    | 7FFFFD800  | 0        | 0   | READ WRITE            | DEMAND ZERO      |            |            |         |
| FORRTL          | 3    | 63    | 00000000-R | 0        | 0   | READ ONLY             | FORRTL_001       | LESS/EQUAL | 1          | 100     |
|                 | 4    | 2     | 00007E00-R | 0        | 0   | READ WRITE            | COPY ON REF      | FORRTL_002 | LESS/EQUAL | 1       |
|                 | 2    | 1     | 00008200-R | 0        | 0   | READ WRITE            | FIXUP VECTORS    | FORRTL_003 | LESS/EQUAL | 1       |
| LIBRTL          | 3    | 111   | 00000000-R | 0        | 0   | READ ONLY             | LIBRTL_001       | LESS/EQUAL | 1          | 11      |
|                 | 4    | 1     | 0000DE00-R | 0        | 0   | READ WRITE            | DEMAND ZERO      | LIBRTL_002 | LESS/EQUAL | 1       |

Key for special characters above:

R - Relocatable  
P - Protected

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! Program Section Synopsis !  
+-----+

| Psect Name | Module Name | Base     | End        | Length     | Align  | Attributes |                                                |
|------------|-------------|----------|------------|------------|--------|------------|------------------------------------------------|
| \$PDATA    |             | 00000200 | 0000059B   | 0000039C ( | 924.)  | LONG 2     | PIC,USR,CON,REL,LCL, SHR,NOEXE, RD,NOWRT,NOVEC |
|            | CVTMSG      | 00000200 | 00000231   | 00000032 ( | 50.)   | LONG 2     |                                                |
|            | ERROR       | 00000234 | 00000422   | 000001EF ( | 495.)  | LONG 2     |                                                |
|            | EVALC       | 00000424 | 00000424   | 00000000 ( | 0.)    | LONG 2     |                                                |
|            | GENCMP      | 00000424 | 00000424   | 00000000 ( | 0.)    | LONG 2     |                                                |
|            | GETCLST     | 00000424 | 0000043B   | 00000018 ( | 24.)   | LONG 2     |                                                |
|            | GETCVAL     | 0000043C | 00000443   | 00000008 ( | 8.)    | LONG 2     |                                                |
|            | GETIDENT    | 00000444 | 00000447   | 00000004 ( | 4.)    | LONG 2     |                                                |
|            | GETLIN      | 00000448 | 0000044D   | 00000006 ( | 6.)    | LONG 2     |                                                |
|            | GETMSG      | 00000450 | 00000522   | 000000D3 ( | 211.)  | LONG 2     |                                                |
|            | GETNUM      | 00000524 | 00000527   | 00000004 ( | 4.)    | LONG 2     |                                                |
|            | IDENT       | 00000528 | 00000528   | 00000000 ( | 0.)    | LONG 2     |                                                |
|            | LENGTH      | 00000528 | 0000052B   | 00000004 ( | 4.)    | LONG 2     |                                                |
|            | MAKSUBS     | 0000052C | 00000545   | 0000001A ( | 26.)   | LONG 2     |                                                |
|            | MOVNAM      | 00000548 | 0000054B   | 00000004 ( | 4.)    | LONG 2     |                                                |
|            | NEXTFILE    | 0000054C | 00000555   | 0000000A ( | 10.)   | LONG 2     |                                                |
|            | OPEN_OUTPUT | 00000558 | 00000560   | 00000009 ( | 9.)    | LONG 2     |                                                |
|            | OUTPUT_LINE | 00000564 | 00000569   | 00000006 ( | 6.)    | LONG 2     |                                                |
|            | SETUPFILE   | 0000056C | 00000575   | 0000000A ( | 10.)   | LONG 2     |                                                |
|            | SKIPV       | 00000578 | 0000057B   | 00000004 ( | 4.)    | LONG 2     |                                                |
|            | STRUCT      | 0000057C | 0000058D   | 00000012 ( | 18.)   | LONG 2     |                                                |
|            | UNBLNK      | 00000590 | 00000590   | 00000000 ( | 0.)    | LONG 2     |                                                |
|            | BUFFER      | 00000590 | 00000593   | 00000004 ( | 4.)    | LONG 2     |                                                |
|            | BUFNUM      | 00000594 | 00000594   | 00000000 ( | 0.)    | LONG 2     |                                                |
|            | CONCAT      | 00000594 | 00000597   | 00000004 ( | 4.)    | LONG 2     |                                                |
| GETVAL     | 00000598    | 0000059B | 00000004 ( | 4.)        | LONG 2 |            |                                                |
| \$LOCAL    |             | 00000600 | 00000F57   | 00000958 ( | 2392.) | LONG 2     | PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC |
|            | CVTMSG      | 00000600 | 0000068F   | 00000090 ( | 144.)  | LONG 2     |                                                |
|            | ERROR       | 00000690 | 000006AB   | 0000001C ( | 28.)   | LONG 2     |                                                |
|            | EVALC       | 000006AC | 000006B7   | 0000000C ( | 12.)   | LONG 2     |                                                |
|            | GENCMP      | 000006B8 | 000006E7   | 00000030 ( | 48.)   | LONG 2     |                                                |
|            | GETCLST     | 000006E8 | 00000797   | 000000B0 ( | 176.)  | LONG 2     |                                                |
|            | GETCVAL     | 00000798 | 000007CB   | 00000034 ( | 52.)   | LONG 2     |                                                |
|            | GETIDENT    | 000007CC | 000007EB   | 00000020 ( | 32.)   | LONG 2     |                                                |
|            | GETLIN      | 000007EC | 0000080B   | 00000020 ( | 32.)   | LONG 2     |                                                |
|            | GETMSG      | 0000080C | 00000B07   | 000002FC ( | 764.)  | LONG 2     |                                                |
|            | GETNUM      | 00000B08 | 00000B2F   | 00000028 ( | 40.)   | LONG 2     |                                                |
|            | IDENT       | 00000B30 | 00000B5F   | 00000030 ( | 48.)   | LONG 2     |                                                |
|            | LENGTH      | 00000B60 | 00000B87   | 00000028 ( | 40.)   | LONG 2     |                                                |
|            | MAKSUBS     | 00000B88 | 00000C0F   | 00000088 ( | 136.)  | LONG 2     |                                                |
|            | MOVNAM      | 00000C10 | 00000C4B   | 0000003C ( | 60.)   | LONG 2     |                                                |
|            | NEXTFILE    | 00000C4C | 00000C9B   | 00000050 ( | 80.)   | LONG 2     |                                                |
|            | OPEN_OUTPUT | 00000C9C | 00000D77   | 000000DC ( | 220.)  | LONG 2     |                                                |
|            | OUTPUT_LINE | 00000D78 | 00000D7B   | 00000004 ( | 4.)    | LONG 2     |                                                |
|            | SETUPFILE   | 00000D7C | 00000DB3   | 00000038 ( | 56.)   | LONG 2     |                                                |
|            | SKIPV       | 00000DB4 | 00000DCB   | 00000018 ( | 24.)   | LONG 2     |                                                |
|            | STRUCT      | 00000DCC | 00000E27   | 0000005C ( | 92.)   | LONG 2     |                                                |



| Psect Name | Module Name | Base     | End      | Length     | Align   | Attributes                                     |
|------------|-------------|----------|----------|------------|---------|------------------------------------------------|
| \$LOCAL    |             | 00000600 | 00000F57 | 00000958 ( | 2392.)  | PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC |
|            | UNBLNK      | 00000E28 | 00000E2B | 00000004 ( | 4.)     | LONG 2                                         |
|            | BUFFER      | 00000E2C | 00000E53 | 00000028 ( | 40.)    | LONG 2                                         |
|            | BUFNUM      | 00000E54 | 00000E7F | 0000002C ( | 44.)    | LONG 2                                         |
|            | CONCAT      | 00000E80 | 00000F37 | 000000B8 ( | 184.)   | LONG 2                                         |
|            | GETVAL      | 00000F38 | 00000F57 | 00000020 ( | 32.)    | LONG 2                                         |
| FACNAMS    |             | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | PIC,USR,OVR,REL,GBL, SHR,NOEXE, RD, WRT,NOVEC  |
|            | CVTMSG      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | ERROR       | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | EVALC       | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | GETCLST     | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | GETCVAL     | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | GETIDENT    | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | GETLIN      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | GETMSG      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | GETNUM      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | LENGTH      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | MAKSUBS     | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | MOVNAM      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | NEXTFILE    | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | OPEN_OUTPUT | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | OUTPUT_LINE | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | SETUPFILE   | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | SKIPV       | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | STRUCT      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | UNBLNK      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | BUFFER      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | CONCAT      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
|            | GETVAL      | 00000F58 | 00010977 | 0000FA20 ( | 64032.) | LONG 2                                         |
| LOGVAR     |             | 00010978 | 0001097B | 00000004 ( | 4.)     | PIC,USR,OVR,REL,GBL, SHR,NOEXE, RD, WRT,NOVEC  |
|            | CVTMSG      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | ERROR       | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | EVALC       | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | GETCLST     | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | GETCVAL     | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | GETIDENT    | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | GETLIN      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | GETMSG      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | GETNUM      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | LENGTH      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | MAKSUBS     | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | MOVNAM      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | NEXTFILE    | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | OPEN_OUTPUT | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | OUTPUT_LINE | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | SETUPFILE   | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | SKIPV       | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | STRUCT      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | UNBLNK      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |
|            | BUFFER      | 00010978 | 0001097B | 00000004 ( | 4.)     | LONG 2                                         |



| Psect Name | Module Name | Base     | End      | Length     | Align        | Attributes                                    |
|------------|-------------|----------|----------|------------|--------------|-----------------------------------------------|
| LOGVAR     | CONCAT      | 00010978 | 0001097B | 00000004 ( | 4.) LONG 2   | PIC,USR,OVR,REL,GBL, SHR,NOEXE, RD, WRT,NOVEC |
|            | GETVAL      | 00010978 | 0001097B | 00000004 ( | 4.) LONG 2   |                                               |
| OUT        | CVTMSG      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 | PIC,USR,OVR,REL,GBL, SHR,NOEXE, RD, WRT,NOVEC |
|            | ERROR       | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | EVALC       | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | GETCLST     | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | GETCVAL     | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | GETIDENT    | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | GETLIN      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | GETMSG      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | GETNUM      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | LENGTH      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | MAKSUBS     | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | MOVNAM      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | NEXTFILE    | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | OPEN_OUTPUT | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | OUTPUT_LINE | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | SETUPFILE   | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | SKIPV       | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | STRUCT      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | UNBLNK      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | BUFFER      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | CONCAT      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
|            | GETVAL      | 0001097C | 00010A1F | 000000A4 ( | 164.) LONG 2 |                                               |
| TEXT       | CVTMSG      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 | PIC,USR,OVR,REL,GBL, SHR,NOEXE, RD, WRT,NOVEC |
|            | ERROR       | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | EVALC       | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | GETCLST     | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | GETCVAL     | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | GETIDENT    | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | GETLIN      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | GETMSG      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | GETNUM      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | LENGTH      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | MAKSUBS     | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | MOVNAM      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | NEXTFILE    | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | OPEN_OUTPUT | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | OUTPUT_LINE | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | SETUPFILE   | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | SKIPV       | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | STRUCT      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | UNBLNK      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | BUFFER      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | CONCAT      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |
|            | GETVAL      | 00010A20 | 00010B63 | 00000144 ( | 324.) LONG 2 |                                               |



| Psect Name | Module Name | Base     | End      | Length     | Align         | Attributes                                    |
|------------|-------------|----------|----------|------------|---------------|-----------------------------------------------|
| -----      | -----       | ----     | ----     | -----      | -----         | -----                                         |
| VARs       |             | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   | PIC,USR,OVR,REL,GBL, SHR,NOEXE, RD, WRT,NOVEC |
|            | CVTMSG      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | ERROR       | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | EVALC       | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | GETCLST     | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | GETCVAL     | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | GETIDENT    | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | GETLIN      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | GETMSG      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | GETNUM      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | LENGTH      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | MAKSUBS     | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | MOVNAM      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | NEXTFILE    | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | OPEN OUTPUT | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | OUTPUT LINE | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | SETUPFILE   | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | SKIPV       | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | STRUCT      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | UNBLNK      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | BUFFER      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | CONCAT      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
|            | GETVAL      | 00010B64 | 00010B7B | 00000018 ( | 24.) LONG 2   |                                               |
| SCODE      |             | 00010C00 | 0001216A | 0000156B ( | 5483.) LONG 2 | PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC |
|            | CVTMSG      | 00010C00 | 00010D48 | 00000149 ( | 329.) LONG 2  |                                               |
|            | ERROR       | 00010D4C | 00010F9A | 0000024F ( | 591.) LONG 2  |                                               |
|            | EVALC       | 00010F9C | 00010FC6 | 0000002B ( | 43.) LONG 2   |                                               |
|            | GENCMP      | 00010FC8 | 00011023 | 0000005C ( | 92.) LONG 2   |                                               |
|            | GETCLST     | 00011024 | 000111C9 | 000001A6 ( | 422.) LONG 2  |                                               |
|            | GETCVAL     | 000111CC | 00011244 | 00000079 ( | 121.) LONG 2  |                                               |
|            | GETIDENT    | 00011248 | 0001130E | 000000C7 ( | 199.) LONG 2  |                                               |
|            | GETLIN      | 00011310 | 000113D2 | 000000C3 ( | 195.) LONG 2  |                                               |
|            | GETMSG      | 000113D4 | 000118FE | 0000052B ( | 1323.) LONG 2 |                                               |
|            | GETNUM      | 00011900 | 000119F5 | 000000F6 ( | 246.) LONG 2  |                                               |
|            | IDENT       | 000119F8 | 00011A53 | 0000005C ( | 92.) LONG 2   |                                               |
|            | LENGTH      | 00011A54 | 00011A91 | 0000003E ( | 62.) LONG 2   |                                               |
|            | MAKSUBS     | 00011A94 | 00011B51 | 000000BE ( | 190.) LONG 2  |                                               |
|            | MOVNAM      | 00011B54 | 00011B98 | 00000045 ( | 69.) LONG 2   |                                               |
|            | NEXTFILE    | 00011B9C | 00011C08 | 0000006D ( | 109.) LONG 2  |                                               |
|            | OPEN OUTPUT | 00011C0C | 00011CA9 | 0000009E ( | 158.) LONG 2  |                                               |
|            | OUTPUT LINE | 00011CAC | 00011CF6 | 0000004B ( | 75.) LONG 2   |                                               |
|            | SETUPFILE   | 00011CF8 | 00011D15 | 0000001E ( | 30.) LONG 2   |                                               |
|            | SKIPV       | 00011D18 | 00011D45 | 0000002E ( | 46.) LONG 2   |                                               |
|            | STRUCT      | 00011D48 | 00011EBB | 00000174 ( | 372.) LONG 2  |                                               |
|            | UNBLNK      | 00011EBC | 00011F17 | 0000005C ( | 92.) LONG 2   |                                               |
|            | BUFFER      | 00011F18 | 00011F6F | 00000058 ( | 88.) LONG 2   |                                               |
|            | BUFNUM      | 00011F70 | 00011FAB | 0000003C ( | 60.) LONG 2   |                                               |
|            | CONCAT      | 00011FAC | 0001204F | 000000A4 ( | 164.) LONG 2  |                                               |
|            | GETVAL      | 00012050 | 0001216A | 0000011B ( | 283.) LONG 2  |                                               |



-----  
! Symbol Cross Reference !  
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| Symbol         | Value       | Defined By     | Referenced By ... |             |             |             |
|----------------|-------------|----------------|-------------------|-------------|-------------|-------------|
| BUFFER         | 00011F18-R  | BUFFER         | BUFNUM            | GETLIN      | GETMSG      | STRUCT      |
| BUFNUM         | 00011F70-R  | BUFNUM         | GETMSG            |             |             |             |
| CONCAT         | 00011FAC-R  | CONCAT         | GETCLST           | GETCVAL     | GETMSG      |             |
| CVTMSG         | 00010C00-R  | CVTMSG         |                   |             |             |             |
| ERROR          | 00010D4C-R  | ERROR          | BUFFER            | CONCAT      | CVTMSG      | GETCLST     |
|                |             |                | GETCVAL           | GETIDENT    | GETMSG      | GETNUM      |
|                |             |                | GETVAL            | LENGTH      | MAKSUBS     | MOVNAM      |
|                |             |                | NEXTFILE          | OPEN_OUTPUT | SETUPFILE   | SKIPV       |
|                |             |                | STRUCT            |             |             |             |
| EVALC          | 00010F9C-R  | EVALC          | CVTMSG            | STRUCT      |             |             |
| FOR\$CLOSE     | 00012248-RX | FORRTL         | CVTMSG            | MAKSUBS     |             |             |
| FOR\$CNV_OUT_I | 00012274-RX | LIBRTL         | CVTMSG            |             | NEXTFILE    | OPEN_OUTPUT |
| FOR\$EXIT      | 00012268-RX | FORRTL         | BUFNUM            |             |             |             |
| FOR\$IO_B_R    | 00012250-RX | FORRTL         | CVTMSG            |             |             |             |
| FOR\$IO_END    | 0001225C-RX | FORRTL         | ERROR             | GETLIN      | MAKSUBS     | OUTPUT_LINE |
|                |             |                | CVTMSG            | ERROR       | GETLIN      | MAKSUBS     |
|                |             |                | NEXTFILE          | OUTPUT_LINE |             |             |
| FOR\$IO_L_R    | 00012254-RX | FORRTL         | CVTMSG            | GETLIN      | MAKSUBS     | NEXTFILE    |
| FOR\$IO_X_DA   | 00012258-RX | FORRTL         | ERROR             | NEXTFILE    |             |             |
| FOR\$OPEN      | 0001224C-RX | FORRTL         | MAKSUBS           | NEXTFILE    | OPEN_OUTPUT | SETUPFILE   |
| FOR\$READ_SF   | 00012260-RX | FORRTL         | GETLIN            | MAKSUBS     | NEXTFILE    |             |
| FOR\$WRITE_SF  | 00012264-RX | FORRTL         | CVTMSG            | ERROR       | OUTPUT_LINE |             |
| GENCMP         | 00010FC8-R  | GENCMP         | CVTMSG            | GETMSG      |             |             |
| GETCLST        | 00011024-R  | GETCLST        | EVALC             |             |             |             |
| GETCVAL        | 000111CC-R  | GETCVAL        | EVALC             |             |             |             |
| GETIDENT       | 00011248-R  | GETIDENT       | CVTMSG            | GETCLST     | GETCVAL     | GETMSG      |
|                |             |                | STRUCT            |             |             |             |
| GETLIN         | 00011310-R  | GETLIN         | CVTMSG            | GETCLST     | SKIPV       | STRUCT      |
| GETMSG         | 000113D4-R  | GETMSG         | GETCLST           | GETCVAL     |             |             |
| GETNUM         | 00011900-R  | GETNUM         | GETCLST           | GETCVAL     | GETMSG      |             |
| GETVAL         | 00012050-R  | GETVAL         | GETNUM            |             |             |             |
| IDENT          | 000119F8-R  | IDENT          | GETMSG            |             |             |             |
| LENGTH         | 00011A54-R  | LENGTH         | ERROR             | GETCLST     | GETMSG      | OPEN_OUTPUT |
| MAKSUBS        | 00011A94-R  | MAKSUBS        | CVTMSG            |             |             |             |
| MOVNAM         | 00011B54-R  | MOVNAM         | GETCLST           | GETCVAL     | GETMSG      | MAKSUBS     |
|                |             |                | OPEN_OUTPUT       | STRUCT      |             |             |
| NEXTFILE       | 00011B9C-R  | NEXTFILE       | CVTMSG            |             |             |             |
| OPEN_OUTPUT    | 00011C0C-R  | OPEN_OUTPUT    | CVTMSG            |             |             |             |
| OUTPUT_LINE    | 00011CAC-R  | OUTPUT_LINE    | GETLIN            | GETMSG      | STRUCT      |             |
| SETUPFILE      | 00011CF8-R  | SETUPFILE      | CVTMSG            |             |             |             |
| SKIPV          | 00011D18-R  | SKIPV          | CVTMSG            | STRUCT      |             |             |
| STRUCT         | 00011D48-R  | STRUCT         | CVTMSG            |             |             |             |
| SY\$SP1_VECTOR | 7FFEDF68    | SY\$SP1_VECTOR |                   |             |             |             |
| UNBLNK         | 00011EBC-R  | UNBLNK         | CVTMSG            | EVALC       | GETCLST     | GETCVAL     |
|                |             |                | GETIDENT          | GETLIN      | GETMSG      | GETVAL      |
|                |             |                | SKIPV             | STRUCT      |             |             |

-----  
! Symbols By Value !  
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| Value    | Symbols...        |
|----------|-------------------|
| -----    | -----             |
| 00010C00 | R-CVTMSG          |
| 00010D4C | R-ERROR           |
| 00010F9C | R-EVALC           |
| 00010FC8 | R-GENCMP          |
| 00011024 | R-GETCLST         |
| 000111CC | R-GETCVAL         |
| 00011248 | R-GETIDENT        |
| 00011310 | R-GETLIN          |
| 000113D4 | R-GETMSG          |
| 00011900 | R-GETNUM          |
| 000119F8 | R-IDENT           |
| 00011A54 | R-LENGTH          |
| 00011A94 | R-MAKSUBS         |
| 00011B54 | R-MOVNAM          |
| 00011B9C | R-NEXTFILE        |
| 00011C0C | R-OPEN OUTPUT     |
| 00011CAC | R-OUTPOT LINE     |
| 00011CF8 | R-SETUPFILE       |
| 00011D18 | R-SKIPV           |
| 00011D48 | R-STRUCT          |
| 00011EBC | R-UNBLNK          |
| 00011F18 | R-BUFFER          |
| 00011F70 | R-BUFNUM          |
| 00011FAC | R-CONCAT          |
| 00012050 | R-GETVAL          |
| 00012248 | RX-FOR\$CLOSE     |
| 0001224C | RX-FOR\$OPEN      |
| 00012250 | RX-FOR\$IO_B_R    |
| 00012254 | RX-FOR\$IO_L_R    |
| 00012258 | RX-FOR\$IO_X_DA   |
| 0001225C | RX-FOR\$IO_END    |
| 00012260 | RX-FOR\$READ_SF   |
| 00012264 | RX-FOR\$WRITE_SF  |
| 00012268 | RX-FOR\$EXIT      |
| 00012274 | RX-FOR\$CNV_OUT_I |
| 7FFEDF68 | SYSSIMGSTA        |

Key for special characters above:

-----  
\* - Undefined  
U - Universal  
R - Relocatable  
X - External  
-----



+-----+  
! Image Synopsis !  
+-----+

Virtual memory allocated: 00000200 000123FF 00012200 (74240. bytes, 145. pages)  
Stack size: 20. pages  
Image header virtual block limits: 1. ( 1. block)  
Image binary virtual block limits: 2. ( 19. blocks)  
Image name and identification: CVTMSG 01  
Number of files: 6.  
Number of modules: 28.  
Number of program sections: 13.  
Number of global symbols: 416.  
Number of cross references: 145.  
Number of image sections: 11.  
User transfer address: 00010C00  
Debugger transfer address: 7FFEDF68  
Number of code references to shareable images: 10.  
Image type: EXECUTABLE  
Map format: FULL WITH CROSS REFERENCE in file \_S255SDUA28:[MSGFIL.LIS]CVTMSG.MAP;1  
Estimated map length: 99. blocks

+-----+  
! Link Run Statistics !  
+-----+

## Performance Indicators

|                                        | Page Faults | CPU Time    | Elapsed Time |
|----------------------------------------|-------------|-------------|--------------|
| Command processing:                    | 50          | 00:00:00.19 | 00:00:00.37  |
| Pass 1:                                | 156         | 00:00:01.52 | 00:00:10.61  |
| Allocation/Relocation:                 | 20          | 00:00:00.17 | 00:00:01.04  |
| Pass 2:                                | 54          | 00:00:01.02 | 00:00:04.46  |
| Map data after object module synopsis: | 9           | 00:00:00.95 | 00:00:01.64  |
| Symbol table output:                   | 1           | 00:00:00.03 | 00:00:00.59  |
| Total run values:                      | 290         | 00:00:03.88 | 00:00:18.71  |

Using a working set limited to 900 pages and 96 pages of data storage (excluding image)

Total number object records read (both passes): 571  
of which 270 were in libraries and 75 were DEBUG data records containing 1899 bytes  
1723 bytes of DEBUG data were written, starting at VBN 21 with 4 blocks allocated

Number of modules extracted explicitly = 1  
with 25 extracted to resolve undefined symbols

22 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXES:CVTMSG/MAP=MAP\$:CVTMSG/CROSS/FULL LIB\$:MESSAGE/INCLUDE=CVTMSG/LIBRARY



0250 AH-BT13A-SE  
VAX/VMS V4.0

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